

<sup>39</sup>  
~~41~~. The method of claim 1, wherein the aqueous polar liquid has a dielectric constant of at least 10.

<sup>40</sup>  
~~42~~. The method of claim 1, wherein the aqueous polar liquid has a dielectric constant of at least 20.

<sup>41</sup>  
~~43~~. The method of claim 1, wherein the aqueous polar liquid has a dielectric constant of at least 40.

<sup>42</sup>  
~~44~~. The method of claim 1, wherein the aqueous polar liquid has a dipole moment of at least 0.5 Debye and has a dielectric constant of at least 10.

<sup>43</sup>  
~~45~~. The method of claim 1, wherein the aqueous polar liquid has a dipole moment of at least 0.75 Debye and has a dielectric constant of at least 20.

<sup>44</sup>  
~~46~~. The method of claim 1, wherein the aqueous polar liquid and the wetting agent do not leave a conductive, non-volatile residue on the fibrous electret web.

<sup>45</sup>  
~~47~~. The method of claim 1, wherein the fibers have fluorine atoms on their surfaces.

<sup>46</sup>  
~~48~~. The method of claim <sup>42</sup>~~44~~, wherein the resulting fibrous electret web is substantially unpolarized in a plane normal to the plane of the web.